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MAT-8130US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: N. Toyama et al. : Art Unit
Serial No.: To Be Assigned : Examiner:
Filed: Herewith :
FOR: VIDEO MIXING APPARATUS AND :
METHOD OF MIXING VIDEO :

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the following paragraphs:

At page 3, line 5:

In the structure shown in Fig. 15, mixing processor 1103 outputs mixed video signal V_m according to the following formulas (4):

At page 4, line 26:

Basically, in a pixel at which the key signal generator outputs key signal $K=0$, mixed video signal V_m - background video signal V_z should be satisfied. In other words, regarding a luminance component, the term of $S_y - (1 - K)R_y$ in (4a) should take "0" (zero) and $M_y = Z_y$ should be satisfied. However, since the screen has some noises, $S_y \neq R_y$, thus error of $S_y - R_y$ appears in the mixed video.